

Query/Command : prt max legalall

1/1 PLUSPAT - ©QUESTEL-ORBIT - image

**PN** -  US5537157 A 19960716 [US5537157]  
**TI** - (A) Multi-format audio/video production system  
**PA** - (A) WASHINO KINYA (US)  
**PA0** - Washino, Kinya, Mahwah NJ [US]  
**IN** - (A) WASHINO KINYA (US); SCHWAB BARRY H (US)  
**AP** - US29810494 19940830 [1994US-0298104]  
**FD** - C.I.P. of US50861 19930421 [1993US-0050861]  
**PR** - US29810494 19940830 [1994US-0298104]  
US5086193 19930421 [1993US-0050861]  
WOUS9601501 19960123 [1996WO-US01501]  
**IC** - (A) H04N-005/46 H04N-007/01  
**EC** - G06F-003/14  
G11B-027/031  
G11B-027/34  
H04N-001/00C7B  
H04N-005/222  
H04N-005/232  
H04N-005/232C  
H04N-005/765  
H04N-007/01H  
H04N-007/10  
H04N-007/14A3  
H04N-007/15  
H04N-007/18C  
H04N-009/804B  
**ICO** - S06F-003/14T  
S09G-227/02  
T04N-005/44N  
T04N-005/44W  
T04N-005/77B  
T04N-005/781  
T04N-005/85  
T04N-005/915  
T04N-005/926B  
T04N-009/64A  
**PCL** - ORIGINAL (O) : 348722000; CROSS-REFERENCE (X) : 348445000 348554000 348556000 348911000  
**DT** - Corresponding document  
**CT** - US4633293; US5045932; US5243433; US5327235; EP314873; EP514012; WO015586  
G. Demos, "An Example of Hierarchy of Formats for HDTV", SMPTE Journal, Sep. 1992, pp. 609-617.

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A. Kaiser, H. W. Mahler, R. H. McMann, "Resolution Requirements for HDTV Based Upon the Performance of 35mm Motion-Picture Films for Theatrical Viewing", SMPTE Journal, Jun. 1985, pp. 654-659.

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L. J. Thorpe, T. Hanabusa, "If Progressive Scanning is So Good, How Bad is Interlace?", SMPTE Journal, Dec. 1990, pp. 972-986.

STG - (A) United States patent

AB - An audio/video production system facilitates professional quality image manipulation and editing using an enhanced general-purpose hardware. A program input may be translated into any of a variety of graphics or television formats, including NTSC, PAL, SECAM and HDTV, and stored as data-compressed images, using any of several commercially available methods such as Motion JPEG, MPEG, etc. While being processed, the images may be re-sized to produce a desired aspect ratio or dimensions using conventional techniques such as pixel interpolation. Frame rate conversion to and from conventional formats is performed by using the techniques employed for film-to-NTSC and film-to-PAL transfers, or by inter-frame interpolation, all well known in the art. By judicious selection of the optimal digitizing parameters, the system allows a user to establish an inter-related family of aspect ratios, resolutions, and frame rates, yet remain compatible with currently available and planned graphics and television formats.

1/1 LGST - ©LEGSTAT

PN -  US 5537157 [US5537157]

AP - US 298104/94 19940830 [1994US-0298104]

DT - US-P

ACT - 19940830 US/AE-A

APPLICATION DATA (PATENT)

US 298104/94 19940830 [1994US-0298104]

19950320 US/AS02

ASSIGNMENT OF ASSIGNOR'S INTEREST

WASHINO, KINYA 80 HAMILTON AVE. DUMONT, NEW JERSEY 07624 \* SCHWAB, BARRY H. :

19950301

19960716 US/A

PATENT

19961224 US/CC

CERTIFICATE OF CORRECTION

19971103 US/AS02

ASSIGNMENT OF ASSIGNOR'S INTEREST

MULTI-FORMAT, INC. 80 HAMILTON AVE. DUMONT, NEW JERSEY 07628 \* WASHINO, KINYA :

19971029

19980825 US/RF

REISSUE APPLICATION FILED  
980710

20020430 US/RF  
REISSUE APPLICATION FILED  
20011024

UP - 2002-20

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111 CRXX - ©CLAIMS/RRX

PN -  5,537,157 A 19960716 [US5537157]  
PA - Washino Kinya  
ACT - 19971103 REASSIGNED  
ASSIGNMENT OF ASSIGNORS INTEREST

Assignor: WASHINO, KINYA DATE SIGNED: 10/29/1997

Assignee: MULTI-FORMAT, INC. 80 HAMILTON AVE. DUMONT NEW JERSEY 07628

Reel 008773/Frame 0377

Contact: GIFFORD KRASS GROH JOHN G. POSA 280 N. OLD WOODWARD AVE. SUITE 400  
BIRMINGHAM, MI 48009

19980710 REISSUE REQUESTED  
ISSUE DATE OF O.G.: 19980825  
REISSUE REQUEST NUMBER: 09/113615  
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 2711  
Reissue Patent Number: USRE38079

20021024 REISSUE REQUESTED  
ISSUE DATE OF O.G.: 20020430  
REISSUE REQUEST NUMBER: 10/004046  
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 2602

Reissue Patent Number:

&lt;=1&gt; GET 1st DRAWING SHEET OF 7

July 16, 1996

Multi-format audio/video production system

REISSUE: Reissue Application filed Jul. 10, 1998 (O.G. Aug. 25, 1998) Ex. Gp.: 2711; Re. S.N. 09/113,615, (O.G. August 25, 1998)  
October 24, 2001 - Reissue Application filed Ex. Gp.: 2602; Re. S.N. 10/004,046 (O.G. April 30, 2002)  
April 15, 2003 - This Patent was reissued as Reissue Patent RE 38,079 (O.G. April 15, 2003)

APPL-NO: 298104 (08)

FILED-DATE: August 30, 1994

GRANTED-DATE: July 16, 1996

5,537,157 OR 5537157

**NEXIS-NEXIS**  
Library: PATENT  
File: CASES

Your search request has found no CASES.

To edit the above request, use the arrow keys. Be sure to move the cursor to the end of the request before you enter it.

To enter a new search request, type it and press the ENTER key.

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To enter a new search request, type it and press the ENTER key.

What you enter will be Search Level 1.

For further explanation, press the H key (for HELP) and then the ENTER key.

LEVEL 1 OF 2 STORIES

Copyright 2003 Micromedia Limited  
Canadian Business and Current Affairs  
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Canadian Press Newswire

February 4, 2003

SECTION: F 4'03

CBCA-ACC-NO: 5537157

LENGTH: 155 words

HEADLINE: Relative charged after minivan drags woman to her death in central Alta.

LEXIS-NEXIS

Library: NEWS

File: CURNWS

November 19, 2002, Tuesday

LEXIS-NEXIS  
Library: NEWS  
File: CURNWS

SECTION: Financial News

LENGTH: 232 words

HEADLINE: ABP - Updated Top 20 shareho

## BODY:

... Ltd	6,885,775	2.55
RBC Global Services Australia Nominees Pty Ltd	6,424,211	2.38
Tower Trust Ltd	5,537,157	2.05
Pluteus (No 164) Pty Ltd	2,726,646	1.01
Craig Securities Pty Ltd	2,304,723	0.85
Kendall ...		

s pn=us 5537157  
S3 1 PN=US 5537157  
? t 3/39/1

3/39/1

DIALOG(R) File 345:Inpadoc/Fam. & Legal Stat  
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14707589

Basic Patent (No,Kind,Date): CA 2161112 AA 19941027 <No. of Patents: 027>

Patent Family:

Patent No	Kind	Date	Applic No	Kind	Date	
CA 2161112	AA	19941027	CA 2161112	A	19940421	(BASIC)
CA 2213973	AA	19960906	CA 2213973	A	19960301	
CA 2215741	AA	19961010	CA 2215741	A	19960404	
CA 2243859	AA	19970731	CA 2243859	A	19960123	
DE 69621782	C0	20020718	DE 69621782	A	19960301	
DE 69621782	T2	20030220	DE 69621782	A	19960301	
EP 812509	A1	19971217	EP 96908588	A	19960301	
EP 819358	A1	19980121	EP 96910747	A	19960404	
EP 997039	A1	20000503	EP 96904562	A	19960123	
EP 812509	A4	19990818	EP 96908588	A	19960301	
EP 819358	A4	20000126	EP 96910747	A	19960404	
EP 997039	A4	20000503	EP 96904562	A	19960123	
EP 812509	B1	20020612	EP 96908588	A	19960301	
JP 8509337	T2	19961001	JP 94523574	A	19940421	
JP 11507184	T2	19990622	JP 96526411	A	19960301	
JP 11509996	T2	19990831	JP 96530475	A	19960404	
JP 2001501781	T2	20010206	JP 97526804	A	19960123	
US 5450140	A	19950912	US 50861	A	19930421	
US 5488433	A	19960130	US 396574	A	19950301	
US 5537157	A	19960716	US 298104	A	19940830	
US 5625410	A	19970429	US 418823	A	19950407	
US 37342	E1	20010828	US 16777	A	19980130	
US 38079	E1	20030415	US 113615	A	19980710	
WO 9424813	A1	19941027	WO 94US4383	A	19940421	
WO 9627263	A1	19960906	WO 96US2779	A	19960301	
WO 9631984	A1	19961010	WO 96US4652	A	19960404	
WO 9727704	A1	19970731	WO 96US1501	A	19960123	

Priority Data (No,Kind,Date):

US 50861 A	19930421
WO 96US1501 W	19960123
US 396574 A	19950301
US 418823 A	19950407
CA 2243859 A	19960123
WO 96US2779 W	19960301
WO 96US4652 W	19960404
US 298104 A	19940830
WO 94US4383 W	19940421
WO 96US1501 A	19960123
US 298104 A2	19940830
US 50861 A2	19930421
US 16777 A	19980130
US 396574 A5	19950301
US 113615 A	19980710
US 298104 A5	19940830

PATENT FAMILY:

CANADA (CA)

Patent (No,Kind,Date): CA 2161112 AA 19941027  
MULTIMEDIA VIDEO PRODUCTION SYSTEM (English; French)

Patent Assignee: WASHINO KINYA (US)  
Author (Inventor): WASHINO KINYA (US)  
Priority (No,Kind,Date): US 50861 A 19930421; WO 96US1501 W  
19960123  
Applc (No,Kind,Date): CA 2161112 A 19940421  
Derwent WPI Acc No: \* G 94-342223; G 96-341690  
Language of Document: English  
Patent (No,Kind,Date): CA 2213973 AA 19960906  
DUAL COMPRESSION FORMAT DIGITAL VIDEO PRODUCTION SYSTEM (English;  
French)  
Patent Assignee: WASHINO KINYA (US)  
Author (Inventor): WASHINO KINYA (US); SCHWAB BARRY (US)  
Priority (No,Kind,Date): US 396574 A 19950301  
Applc (No,Kind,Date): CA 2213973 A 19960301  
IPC: \* H04N-005/262; H04N-005/77  
Language of Document: English  
Patent (No,Kind,Date): CA 2215741 AA 19961010  
VIDEO MONITORING AND CONFERENCING SYSTEM (English; French)  
Patent Assignee: WASHINO KINYA (US)  
Author (Inventor): WASHINO KINYA (US); SCHWAB BARRY H (US)  
Priority (No,Kind,Date): US 418823 A 19950407  
Applc (No,Kind,Date): CA 2215741 A 19960404  
IPC: \* H04N-007/15  
Derwent WPI Acc No: \* G 96-465322  
Language of Document: English  
Patent (No,Kind,Date): CA 2243859 AA 19970731  
MULTI-FORMAT AUDIO/VIDEO PRODUCTION SYSTEM WITH FRAME-RATE CONVERSION  
(English; French)  
Patent Assignee: WASHINO KINYA (US)  
Author (Inventor): SCHWAB BARRY H (US)  
Priority (No,Kind,Date): CA 2243859 A 19960123  
Applc (No,Kind,Date): CA 2243859 A 19960123  
IPC: \* H04N-005/46; H04N-007/015  
Language of Document: English

CANADA (CA)

Legal Status (No,Type,Date,Code,Text):

CA 2161112	P	19951020	CA	REFW	CORRESPONDS TO	PCT
				APPLICATION	(ENTSPRICHET	PCT ANMELDUNG)
			WO 9424813	P		
CA 2213973	P	19970827	CA	REFW	CORRESPONDS TO	PCT
				APPLICATION	(ENTSPRICHET	PCT ANMELDUNG)
			WO 9627263	P		
CA 2215741	P	19970917	CA	REFW	CORRESPONDS TO	PCT
				APPLICATION	(ENTSPRICHET	PCT ANMELDUNG)
			WO 9631984	P		
CA 2243859	P	19980717	CA	REFW	CORRESPONDS TO	PCT
				APPLICATION	(ENTSPRICHET	PCT ANMELDUNG)
			WO 9727704	P		

GERMANY (DE)

Patent (No,Kind,Date): DE 69621782 C0 20020718  
DIGITALVIDEO-PRODUKTIONSSYSTEM MIT DOPPELTER SPEICHERUNG DERSELBEN  
VIDEODATEN EINSCHLIESSLICH ZUGEHOERIGER ZEITMARKEN FUER  
SCHNITTBEARBEITUNG AUF ENTSPRECHENDEN ZWEI WECHSELBAREN DATENTRAEGERN  
UND MIT JEWELLS UNTERSCHIEDLICHEM KOMPRESSIONSGRAD (German)  
Patent Assignee: WASHINO KINYA (US)  
Author (Inventor): WASHINO KINYA (US); SCHWAB H (US)  
Priority (No,Kind,Date): US 396574 A 19950301; WO 96US2779 W  
19960301  
Applc (No,Kind,Date): DE 69621782 A 19960301

IPC: \* H04N-005/76; G11B-027/031

Language of Document: German

Patent (No,Kind,Date): DE 69621782 T2 20030220

DIGITALVIDEO-PRODUKTIONSSYSTEM MIT DOPPELTER SPEICHERUNG DERSELBEN  
VIDEODATEN EINSCHLIESSLICH ZUGEHOERIGER ZEITMARKEN FUER  
SCHNITTBEARBEITUNG AUF ENTSPRECHENDEN ZWEI WECHSELBAREN DATENTRAEGERN  
UND MIT JEWEILS UNTERSCHIEDLICHEM KOMPRESSIONSGRAD (German)

Patent Assignee: WASHINO KINYA (US)

Author (Inventor): WASHINO KINYA (US); SCHWAB H (US)

Priority (No,Kind,Date): US 396574 A 19950301; WO 96US2779 W  
19960301

Applic (No,Kind,Date): DE 69621782 A 19960301

IPC: \* H04N-005/76; G11B-027/031

Language of Document: German

GERMANY (DE)

Legal Status (No,Type,Date,Code,Text):

DE 69621782 P 20020718 DE REF CORRESPONDS TO (ENTSPRICHT)

EP 812509 P 20020718  
DE 69621782 P 20030220 DE 8373 TRANSLATION OF PATENT  
DOCUMENT OF EUROPEAN PATENT WAS RECEIVED AND  
HAS BEEN PUBLISHED (UEBERSETZUNG DER  
PATENTSCHRIFT DES EUROPAEISCHEN PATENTES IST  
EINGEGANGEN UND VEROEFFENTLICHT WORDEN)

EUROPEAN PATENT OFFICE (EP)

Patent (No,Kind,Date): EP 812509 A1 19971217

DUAL COMPRESSION FORMAT DIGITAL VIDEO PRODUCTION SYSTEM (English;  
French; German)

Patent Assignee: WASHINO KINYA (US)

Author (Inventor): WASHINO KINYA (US); SCHWAB BARRY H (US)

Priority (No,Kind,Date): WO 96US2779 W 19960301; US 396574 A  
19950301

Applic (No,Kind,Date): EP 96908588 A 19960301

Designated States:- (National) DE; FR; GB; NL

IPC: \* H04N-005/76

Language of Document: English

Patent (No,Kind,Date): EP 819358 A1 19980121

VIDEO MONITORING AND CONFERENCING SYSTEM (English; French; German)

Patent Assignee: WASHINO KINYA (US)

Author (Inventor): WASHINO KINYA (US); SCHWAB BARRY H (US)

Priority (No,Kind,Date): WO 96US4652 W 19960404; US 418823 A  
19950407

Applic (No,Kind,Date): EP 96910747 A 19960404

Designated States: (National) DE; FR; GB; NL

IPC: \* H04N-007/18

Derwent WPI Acc No: \* G 96-465322

Language of Document: English

Patent (No,Kind,Date): EP 997039 A1 20000503

MULTI-FORMAT AUDIO/VIDEO PRODUCTION SYSTEM WITH FRAME-RATE CONVERSION  
(English; French; German)

Patent Assignee: WASHINO KINYA (US)

Author (Inventor): WASHINO KINYA (US); SCHWAB BARRY H (US)

Priority (No,Kind,Date): WO 96US1501 W 19960123; US 298104 A  
19940830; US 50861 A 19930421

Applic (No,Kind,Date): EP 96904562 A 19960123

Designated States: (National) DE; FR; GB; NL

IPC: \* H04N-007/01

Derwent WPI Acc No: \* G 94-342223; G 96-341690

Language of Document: English

Patent (No,Kind,Date): EP 812509 A4 19990818  
DUAL COMPRESSION FORMAT DIGITAL VIDEO PRODUCTION SYSTEM (English; French; German)  
Patent Assignee: WASHINO KINYA (US)  
Author (Inventor): WASHINO KINYA (US); SCHWAB BARRY H (US)  
Priority (No,Kind,Date): WO 96US2779 W 19960301; US 396574 A 19950301  
Applc (No,Kind,Date): EP 96908588 A 19960301  
Designated States: (National) DE; FR; GB; NL  
IPC: \* H04N-005/76  
Language of Document: English  
Patent (No,Kind,Date): EP 819358 A4 20000126  
VIDEO MONITORING AND CONFERENCING SYSTEM (English; French; German)  
Patent Assignee: WASHINO KINYA (US)  
Author (Inventor): WASHINO KINYA (US); SCHWAB BARRY H (US)  
Priority (No,Kind,Date): WO 96US4652 W 19960404; US 418823 A 19950407  
Applc (No,Kind,Date): EP 96910747 A 19960404  
Designated States: (National) DE; FR; GB; NL  
IPC: \* H04N-007/18  
Derwent WPI Acc No: \* G 96-465322  
Language of Document: English  
Patent (No,Kind,Date): EP 997039 A4 20000503  
MULTI-FORMAT AUDIO/VIDEO PRODUCTION SYSTEM WITH FRAME-RATE CONVERSION (English; French; German)  
Patent Assignee: WASHINO KINYA (US)  
Author (Inventor): WASHINO KINYA (US); SCHWAB BARRY H (US)  
Priority (No,Kind,Date): WO 96US1501 W 19960123; US 298104 A 19940830; US 50861 A 19930421  
Applc (No,Kind,Date): EP 96904562 A 19960123  
Designated States: (National) DE; FR; GB; NL  
IPC: \* H04N-007/01  
Derwent WPI Acc No: \* G 94-342223; G 96-341690  
Language of Document: English  
Patent (No,Kind,Date): EP 812509 B1 20020612  
DIGITAL VIDEO PRODUCTION SYSTEM STORING TWICE THE SAME VIDEO DATA ALONG WITH CORRELATED EDIT TIME CODE INFORMATION ON RESPECTIVE TWO REMOVABLE STORAGE MEDIA AT DIFFERENT RATE OF COMPRESSION (English; French; German)  
Patent Assignee: WASHINO KINYA (US)  
Author (Inventor): WASHINO KINYA (US); SCHWAB BARRY H (US)  
Priority (No,Kind,Date): WO 96US2779 W 19960301; US 396574 A 19950301  
Applc (No,Kind,Date): EP 96908588 A 19960301  
Designated States: (National) DE; FR; GB; NL  
IPC: \* H04N-005/76; G11B-027/031  
Language of Document: English

EUROPEAN PATENT OFFICE (EP)

Legal Status (No,Type,Date,Code,Text):  
EP 812509 P 19950301 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))  
US 396574 A 19950301  
EP 812509 P 19960301 EP AA PCT-APPLICATION (PCT-ANMELDUNG)  
WO 96US2779 W 19960301  
EP 812509 P 19960301 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG)  
EP 96908588 A 19960301  
EP 812509 P 19971217 EP AK DESIGNATED CONTRACTING

STATES IN AN APPLICATION WITH SEARCH REPORT:  
(IN EINER ANMELDUNG BENANNTEN VERTRAGSSTAATEN)

DE FR GB NL  
EP 812509 P 19971217 EP A1 PUBLICATION OF APPLICATION  
WITH SEARCH REPORT (VEROEFFENTLICHUNG DER  
ANMELDUNG MIT RECHERCHENBERICHT)  
EP 812509 P 19971217 EP 17P REQUEST FOR EXAMINATION  
FILED (PRUEFUNGSANTRAG GESTELLT)  
970828  
EP 812509 P 19990818 EP AK DESIGNATED CONTRACTING  
STATES MENTIONED IN A SUPPLEMENTARY SEARCH  
REPORT: (IN EINEM ERGAENZENDEN  
RECHERCHENBERICHT BENANNTEN VERTRAGSSTAATEN)

DE FR GB NL  
EP 812509 P 19990818 EP A4 SUPPLEMENTARY SEARCH REPORT  
(ERGAENZENDER RECHERCHENBERICHT)  
19990702  
EP 812509 P 19990818 EP RIC1 CLASSIFICATION (CORRECTION)  
(KLASSIFIKATION (KORR.))  
6H 04N 5/76 A, 6G 11B 27/031 B  
EP 812509 P 20001102 EP RTI1 TITEL (CORRECTION) (TITEL  
(KORR.))  
DIGITAL VIDEO PRODUCTION SYSTEM STORING TWICE  
THE SAME VIDEO DATA ALONG WITH CORRELATED  
EDIT TIME CODE INFORMATION ON RESPECTIVE TWO  
REMOVABLE STORAGE MEDIA AT DIFFERENT RATE OF  
COMPRESSION  
EP 812509 P 20010221 EP 17Q FIRST EXAMINATION REPORT  
(ERSTER PRUEFUNGSBESCHEID)  
20010105  
EP 812509 P 20020605 EP RIN1 INVENTOR (CORRECTION)  
(ERFINDER (KORR.))  
WASHINO, KINYA ; SCHWAB, BARRY, H.  
EP 812509 P 20020612 EP AK DESIGNATED CONTRACTING  
STATES MENTIONED IN A PATENT SPECIFICATION:  
(IN EINER PATENTSCHRIFT ANGEFUEHRTE BENANNTEN  
VERTRAGSSTAATEN)  
DE FR GB NL  
EP 812509 P 20020612 EP B1 PATENT SPECIFICATION  
(PATENTSCHRIFT)  
EP 812509 P 20020612 GB FG4D/REG EUROPEAN PATENT GRANTED  
EP 812509 P 20020718 EP REF CORRESPONDS TO:  
(ENTSPRICHET)  
DE 69621782 P 20020718  
EP 812509 P 20021004 EP ET FR: TRANSLATION FILED (FR:  
TRADUCTION A ETE REMISE)  
EP 812509 P 20030507 EP 26 OPPOSITION FILED (EINSPRUCH  
EINGELEGT)  
20030311 SONY CORPORATION  
EP 819358 P 19950407 EP AA PRIORITY (PATENT  
APPLICATION) (PRIORITAET (PATENTANMELDUNG))  
US. 418823 A 19950407  
EP 819358 P 19960404 EP AA PCT-APPLICATION  
(PCT-ANMELDUNG)  
WO 96US4652 W 19960404  
EP 819358 P 19960404 EP AE EP-APPLICATION  
(EUROPAEISCHE ANMELDUNG)  
EP 96910747 A 19960404

EP 819358 P 19980121 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTEN VERTRAGSSTAATEN)

DE FR GB NL  
EP 819358 P 19980121 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT)

EP 819358 P 19980121 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT)  
970916

EP 819358 P 20000126 EP AK DESIGNATED CONTRACTING STATES MENTIONED IN A SUPPLEMENTARY SEARCH REPORT: (IN EINEM ERGAENZENDEN RECHERCHENBERICHT BENANNTEN VERTRAGSSTAATEN)

DE FR GB NL  
EP 819358 P 20000126 EP A4 SUPPLEMENTARY SEARCH REPORT (ERGAENZENDER RECHERCHENBERICHT)  
19991215

EP 819358 P 20000202 EP RIC1 CLASSIFICATION (CORRECTION) (KLASSIFIKATION (KORR.))  
7H 04N 7/14 A, 7H 04N 5/232 B, 7G 08B 13/196 B, 7H 04N 7/15 B

EP 997039 P 19930421 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))

US 50861 A 19930421  
EP 997039 P 19940830 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))

US 298104 A 19940830  
EP 997039 P 19960123 EP AA PCT-APPLICATION (PCT-ANMELDUNG)

WO. 96US1501 W 19960123  
EP 997039 P 19960123 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG)  
EP 96904562 A 19960123

EP 997039 P 20000503 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTEN VERTRAGSSTAATEN)

DE FR GB NL  
EP 997039 P 20000503 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTEN VERTRAGSSTAATEN)

DE FR GB NL  
EP 997039 P 20000503 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT)

EP 997039 P 20000503 EP A4 SUPPLEMENTARY SEARCH REPORT (ERGAENZENDER RECHERCHENBERICHT)  
19991014

EP 997039 P 20000503 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT)  
19980729

EP 997039 P 20020925 EP 17Q FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID)  
20020815

JAPAN (JP)

Patent (No,Kind,Date): JP 8509337 T2 19961001  
Priority (No,Kind,Date): WO 94US4383 W 19940421; US 50861 A  
19930421  
Applc (No,Kind,Date): JP 94523574 A 19940421  
IPC: \* H04N-005/232; G09G-005/00; H04N-007/18  
Derwent WPI Acc No: \* G 94-342223; G 96-341690  
Language of Document: Japanese  
Patent (No,Kind,Date): JP 11507184 T2 19990622  
Priority (No,Kind,Date): WO 96US2779 W 19960301; US 396574 A  
19950301  
Applc (No,Kind,Date): JP 96526411 A 19960301  
IPC: \* H04N-005/91; G11B-027/032; H04N-005/92  
Language of Document: Japanese  
Patent (No,Kind,Date): JP 11509996 T2 19990831  
Priority (No,Kind,Date): WO 96US4652 W 19960404; US 418823 A  
19950407  
Applc (No,Kind,Date): JP 96530475 A 19960404  
IPC: \* H04N-007/18; H04N-007/15  
Derwent WPI Acc No: \* G 96-465322  
Language of Document: Japanese  
Patent (No,Kind,Date): JP 2001501781 T2 20010206  
Priority (No,Kind,Date): WO 96US1501 A 19960123  
Applc (No,Kind,Date): JP 97526804 A 19960123  
IPC: \* H04N-007/01  
Derwent WPI Acc No: \* G 96-341690  
Language of Document: Japanese

UNITED STATES OF AMERICA (US)

Patent (No,Kind,Date): US 5450140 A 19950912  
PERSONAL-COMPUTER-BASED VIDEO PRODUCTION SYSTEM (English)  
Patent Assignee: WASHINO KINYA (US)  
Author (Inventor): WASHINO KINYA (US)  
Priority (No,Kind,Date): US 50861 A 19930421; WO 96US1501 W  
19960123  
Applc (No,Kind,Date): US 50861 A 19930421  
National Class: \* 348722000; 348211000; 348212000; 348213000;  
348552000  
IPC: \* H04N-005/232  
Derwent WPI Acc No: \* G 94-342223; G 96-341690  
Language of Document: English  
Patent (No,Kind,Date): US 5488433 A 19960130  
DUAL COMPRESSION FORMAT DIGITAL VIDEO PRODUCTION SYSTEM (English)  
Patent Assignee: WASHINO KINYA (US)  
Author (Inventor): WASHINO KINYA (US); SCHWAB BARRY H (US)  
Priority (No,Kind,Date): US 396574 A 19950301; US 298104 A2  
19940830; US 50861 A2 19930421; WO 96US1501 W 19960123  
Applc (No,Kind,Date): US 396574 A 19950301  
Addnl Info: 5450140 Patented  
National Class: \* 348722000; 360014100; 360014300; 358311000  
IPC: \* H04N-005/76  
Derwent WPI Acc No: \* G 94-342223; G 96-341690  
Language of Document: English  
Patent (No,Kind,Date): US 5537157 A 19960716  
MULTI-FORMAT AUDIO/VIDEO PRODUCTION SYSTEM (English)  
Patent Assignee: WASHINO KINYA (US)  
Author (Inventor): WASHINO KINYA (US); SCHWAB BARRY H (US)  
Priority (No,Kind,Date): US 298104 A 19940830; US 50861 A2  
19930421; WO 96US1501 W 19960123  
Applc (No,Kind,Date): US 298104 A 19940830  
National Class: \* 348722000; 348911000; 348445000; 348554000;

348556000

IPC: \* H04N-005/46; H04N-007/01

Derwent WPI Acc No: \* G 94-342223; G 96-341690; G 96-341690

Language of Document: English

Patent (No,Kind,Date): US 5625410 A 19970429

VIDEO MONITORING AND CONFERENCING SYSTEM (English)

Patent Assignee: WASHINO KINYWA (US)

Author (Inventor): WASHINO KINYA (US); SCHWAB BARRY H (US)

Priority (No,Kind,Date): US 418823 A 19950407; US 50861 A2 19930421; US 298104 A2 19940830; WO 96US1501 W 19960123

Applc (No,Kind,Date): US 418823 A 19950407

Addnl Info: 5450140 Patented; 5537157 Patented

National Class: \* 348154000; 348398000; 348552000; 386112000

IPC: \* H04N-007/18

Derwent WPI Acc No: \* G 94-342223; G 96-341690; G 96-465322

Language of Document: English

Patent (No,Kind,Date): US 37342 E1 20010828

DUAL FORMAT DIGITAL VIDEO PRODUCTION SYSTEM (English)

Patent Assignee: MULTI FORMAT INC (US)

Author (Inventor): WASHINO KINYA (US); SCHWAB BARRY H (US)

Priority (No,Kind,Date): US 16777 A 19980130; US 396574 A5 19950301; US 298104 A2 19940830; US 50861 A2 19930421

Applc (No,Kind,Date): US 16777 A 19980130

Addnl Info: 5537157 Patented; 5450140 Patented

National Class: \* 348722000; 386112000; 386117000; 386126000; 386054000; 386055000

IPC: \* H04N-005/76

Derwent WPI Acc No: \* G 94-342223; G 96-341690

Language of Document: English

Patent (No,Kind,Date): US 38079 E1 20030415

MULTI-FORMAT AUDIO/VIDEO PRODUCTION SYSTEM (English)

Patent Assignee: MUTI FORMAT INC (US)

Author (Inventor): WASHINO KINYA (US); SCHWAB BARRY H (US)

Priority (No,Kind,Date): US 113615 A 19980710; US 298104 A5 19940830; US 50861 A2 19930421

Applc (No,Kind,Date): US 113615 A 19980710

National Class: \* 348722000; 348445000; 348554000; 348556000; 348911000

IPC: \* H04N-005/46; H04N-007/01

Derwent WPI Acc No: \* G 94-342223; G 96-341690

Language of Document: English

UNITED STATES OF AMERICA (US)

Legal Status (No,Type,Date,Code,Text):

US 37342 E 19930421 US AA PRIORITY (CONTINUATION IN PART)

US 50861 A2 19930421

US 37342 E 19940830 US AA PRIORITY (CONTINUATION IN PART)

US 298104 A2 19940830

US 37342 E 19950301 US AA PRIORITY

US 396574 A5 19950301

US 37342 E 19980130 US AE APPLICATION DATA (PATENT)

(APPL. DATA (PATENT))

US 16777 A 19980130

US 37342 E 20010828 US E1 REISSUE (PRE-GRANT)

US 38079 E 19930421 US AA PRIORITY (CONTINUATION IN PART)

US 50861 A2 19930421

US 38079 E 19940830 US AA PRIORITY

US 298104 A5 19940830

US 38079 E 19980710 US AE APPLICATION DATA (PATENT)

(APPL. DATA (PATENT))  
US 113615 A 19980710

US 38079 E 20030415 US E1 REISSUE (PRE-GRANT)  
US 5450140 P 19930421 US AE APPLICATION DATA (PATENT)

(APPL. DATA (PATENT))  
US 50861 A 19930421

US 5450140 P 19950912 US A PATENT  
US 5450140 P 19960123 US AA PCT-APPLICATION (PCT-APPL.)

WO 96US1501 W 19960123  
US 5450140 P 19971103 US AS02 ASSIGNMENT OF ASSIGNOR'S  
INTEREST  
MULTI-FORMAT, INC. 80 HAMILTON AVE. DUMONT,  
NEW JERSEY 07628 ; WASHINO, KINYA : 19971029

US 5488433 P 19930421 US AA PRIORITY  
US 50861 A2 19930421

US 5488433 P 19940830 US AA PRIORITY  
US 298104 A2 19940830

US 5488433 P 19950301 US AE APPLICATION DATA (PATENT)  
(APPL. DATA (PATENT))  
US 396574 A 19950301

US 5488433 P 19950327 US AS02 ASSIGNMENT OF ASSIGNOR'S  
INTEREST  
WASHINO, KINYA 80 HAMILTON AVE. DUMONT, NJ  
07624 ; SCHWAB, BARRY H. : 19950301

US 5488433 P 19960123 US AA PCT-APPLICATION (PCT-APPL.)

WO 96US1501 W 19960123  
US 5488433 P 19960130 US A PATENT  
US 5488433 P 19960903 US CC CERTIFICATE OF CORRECTION  
US 5488433 P 19971020 US AS02 ASSIGNMENT OF ASSIGNOR'S  
INTEREST  
MULTI-FORMAT, INC. 80 HAMILTON AVE. DUMONT,  
NEW JERSEY 07624 ; WASHINO, KINYA : 19970930.

US 5488433 P 19980407 US RF REISSUE APPLICATION FILED  
(REISSUE APPL. FILED)  
980130

US 5488433 P 20020618 US RF REISSUE APPLICATION FILED  
(REISSUE APPL. FILED)  
20010706

US 5537157 P 19930421 US AA PRIORITY  
US 50861 A2 19930421

US 5537157 P 19940830 US AE APPLICATION DATA (PATENT)  
(APPL. DATA (PATENT))  
US 298104 A 19940830

US 5537157 P 19950320 US AS02 ASSIGNMENT OF ASSIGNOR'S  
INTEREST  
WASHINO, KINYA 80 HAMILTON AVE. DUMONT, NEW  
JERSEY 07624 ; SCHWAB, BARRY H. : 19950301

US 5537157 P 19960123 US AA PCT-APPLICATION (PCT-APPL.)

WO 96US1501 W 19960123  
US 5537157 P 19960716 US A PATENT  
US 5537157 P 19961224 US CC CERTIFICATE OF CORRECTION  
US 5537157 P 19971103 US AS02 ASSIGNMENT OF ASSIGNOR'S  
INTEREST  
MULTI-FORMAT, INC. 80 HAMILTON AVE. DUMONT,  
NEW JERSEY 07628 ; WASHINO, KINYA : 19971029

US 5537157 P 19980825 US RF REISSUE APPLICATION FILED  
(REISSUE APPL. FILED)  
980710

US 5537157	P	20020430	US RF	REISSUE APPLICATION FILED (REISSUE APPL. FILED)
				20011024
US 5625410	P	19930421	US AA	PRIORITY
			US 50861 A2	19930421
US 5625410	P	19940830	US AA	PRIORITY
			US 298104 A2	19940830
US 5625410	P	19950407	US AE	APPLICATION DATA (PATENT)
			(APPL. DATA (PATENT))	
			US 418823 A	19950407
US 5625410	P	19960123	US AA	PCT-APPLICATION (PCT-APPL.)
			WO 96US1501 W	19960123
US 5625410	P	19970207	US AS02	ASSIGNMENT OF ASSIGNOR'S INTEREST
			WASHINO, KINYA 80 HAMILTON DUMONT, NEW JERSEY 07624 ; SCWAB, BARRY H. : 19950406	
US 5625410	P	19970429	US A	PATENT
US 5625410	P	19971103	US AS02	ASSIGNMENT OF ASSIGNOR'S INTEREST
			MULTI-FORMAT, INC. 80 HAMILTON AVE. DUMONT, NEW JERSEY 07628 ; WASHINO, KINYA : 19971029	
US 5625410	P	19990615	US RF	REISSUE APPLICATION FILED (REISSUE APPL. FILED)
			19990428	

WORLD INTELLECTUAL PROPERTY ORGANIZATION, PCT (WO)

Patent (No,Kind,Date): WO 9424813 A1 19941027

MULTIMEDIA VIDEO PRODUCTION SYSTEM (English)

Patent Assignee: WASHINO KINYA (US)

Author (Inventor): WASHINO KINYA (US)

Priority (No,Kind,Date): US 50861 A 19930421

Applc (No,Kind,Date): WO 94US4383 A 19940421

Designated States: (National) CA; JP (Regional) AT; BE; CH; DE; DK;  
ES; FR; GB; GR; IE; LU; MC; NL; PT; SE

Filing Details: WO 130000 With international search report; Before  
expiration of time limit for amending the claims and to be  
republished in the event of the receipt of the amendments

IPC: \* H04N-005/222; H04N-005/232; H04N-005/14; H04N-007/10;  
H04N-007/18; H04N-007/14

Derwent WPI Acc No: \* G 94-342223; G 96-341690; G 94-342223

Language of Document: English

Patent (No,Kind,Date): WO 9627263 A1 19960906

DUAL COMPRESSION FORMAT DIGITAL VIDEO PRODUCTION SYSTEM (English)

Patent Assignee: WASHINO KINYA (US)

Author (Inventor): WASHINO KINYA (US); SCHWAB BARRY H

Priority (No,Kind,Date): US 396574 A 19950301

Applc (No,Kind,Date): WO 96US2779 A 19960301

Designated States: (National) CA; JP (Regional) AT; BE; CH; DE; DK;  
ES; FI; FR; GB; GR; IE; IT; LU; MC; NL; PT; SE

Filing Details: WO 130000 With international search report; Before  
expiration of time limit for amending the claims and to be  
republished in the event of the receipt of the amendments

IPC: \* H04N-005/76

Language of Document: English

Patent (No,Kind,Date): WO 9631984 A1 19961010

VIDEO MONITORING AND CONFERENCING SYSTEM (English)

Patent Assignee: WASHINO KINYA (US)

Author (Inventor): WASHINO KINYA (US); SCHWAB BARRY H

Priority (No,Kind,Date): US 418823 A 19950407

Applc (No,Kind,Date): WO 96US4652 A 19960404

Designated States: (National) CA; JP (Regional) AT; BE; CH; DE; DK; ES; FI; FR; GB; GR; IE; IT; LU; MC; NL; PT; SE  
Filing Details: WO 100000 With international search report  
IPC: \* H04N-007/18  
Derwent WPI Acc No: \* G 96-465322; G 96-465322  
Language of Document: English  
Patent (No,Kind,Date): WO 9727704 A1 19970731  
MULTI-FORMAT AUDIO/VIDEO PRODUCTION SYSTEM WITH FRAME-RATE CONVERSION  
(English)  
Patent Assignee: WASHINO KINYA (US)  
Author (Inventor): WASHINO KINYA (US); SCHWAB BARRY H  
Priority (No,Kind,Date): WO 96US1501 A 19960123; US 298104 A  
19940830; US 50861 A 19930421  
Applc (No,Kind,Date): WO 96US1501 A 19960123  
Designated States: (National) CA; JP (Regional) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LU; MC; NL; PT; SE  
Filing Details: WO 100000 With international search report  
IPC: \* H04N-007/01  
Derwent WPI Acc No: \* G 94-342223; G 96-341690  
Language of Document: English

WORLD INTELLECTUAL PROPERTY ORGANIZATION, PCT (WO)

Legal Status (No,Type,Date,Code,Text):  
WO 9424813 P 19930421 WO AA PRIORITY (PATENT)  
US 50861 A 19930421  
WO 9424813 P 19940421 WO AE APPLICATION DATA (APPL.  
DATA)  
WO 94US4383 A 19940421  
WO 9424813 P 19941027 WO AK DESIGNATED STATES CITED IN A  
PUBLISHED APPLICATION WITH SEARCH REPORT  
(DESIGNATED STATES CITED IN A PUBLISHED APPL.  
WITH SEARCH REPORT)  
CA JP  
WO 9424813 P 19941027 WO AL DESIGNATED COUNTRIES FOR  
REGIONAL PATENTS CITED IN A PUBLISHED  
APPLICATION WITH SEARCH REPORT (DESIGNATED  
COUNTRIES FOR REGIONAL PATENTS CITED IN A  
PUBLISHED APPL. WITH SEARCH REPORT)  
AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT  
SE  
WO 9424813 P 19941027 WO A1 PUBLICATION OF THE  
INTERNATIONAL APPLICATION WITH THE  
INTERNATIONAL SEARCH REPORT (PUB. OF THE  
INTERNATIONAL APPL. WITH THE INTERNATIONAL  
SEARCH REPORT)  
WO 9424813 P 19941208 WO B LATER PUBLICATION OF AMENDED  
CLAIMS (LATER PUB. OF AMENDED CLAIMS)  
WO 9424813 P 19950118 WO 121 EP: PCT APP. ART. 158 (1)  
(EP: PCT ANM. ART. 158 (1))  
WO 9424813 P 19950223 WO DFPE REQUEST FOR PRELIMINARY  
EXAMINATION FILED PRIOR TO EXPIRATION OF 19TH  
MONTH FROM PRIORITY DATE  
WO 9424813 P 19951020 WO ENP ENTRY INTO THE NATIONAL  
PHASE IN:  
CA 2161112 AA  
WO 9424813 P 19960828 WO 122 EP: PCT APP. NOT ENT. EUROP.  
PHASE (EP: PCT ANM. NICHT IN EUROP. PHASE  
EING.)  
WO 9627263 P 19950301 WO AA PRIORITY (PATENT)  
US 396574 A 19950301  
WO 9627263 P 19960301 WO AE APPLICATION DATA (APPL.

DATA)  
WO 9627263 P 19960906 WO AK DESIGNATED STATES CITED IN A  
PUBLISHED APPLICATION WITH SEARCH REPORT  
(DESIGNATED STATES CITED IN A PUBLISHED APPL.  
WITH SEARCH REPORT)  
CA JP

WO 9627263 P 19960906 WO AL DESIGNATED COUNTRIES FOR  
REGIONAL PATENTS CITED IN A PUBLISHED  
APPLICATION WITH SEARCH REPORT (DESIGNATED  
COUNTRIES FOR REGIONAL PATENTS CITED IN A  
PUBLISHED APPL. WITH SEARCH REPORT)  
AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL  
PT SE

WO 9627263 P 19960906 WO A1 PUBLICATION OF THE  
INTERNATIONAL APPLICATION WITH THE  
INTERNATIONAL SEARCH REPORT (PUB. OF THE  
INTERNATIONAL APPL. WITH THE INTERNATIONAL  
SEARCH REPORT)

WO 9627263 P 19961127 WO 121 EP: PCT APP. ART. 158 (1)  
(EP: PCT ANM. ART. 158 (1))

WO 9627263 P 19961227 WO DFPE REQUEST FOR PRELIMINARY  
EXAMINATION FILED PRIOR TO EXPIRATION OF 19TH  
MONTH FROM PRIORITY DATE

WO 9627263 P 19970827 WO ENP ENTRY INTO THE NATIONAL  
PHASE IN:  
CA 2213973 AA

WO 9627263 P 19970901 WO ENP ENTRY INTO THE NATIONAL  
PHASE IN:  
JP 96526411 A

WO 9631984 P 19950407 WO AA PRIORITY (PATENT)  
US 418823 A 19950407

WO 9631984 P 19960404 WO AE APPLICATION DATA (APPL.  
DATA)  
WO 96US4652 A 19960404

WO 9631984 P 19961010 WO AK DESIGNATED STATES CITED IN A  
PUBLISHED APPLICATION WITH SEARCH REPORT  
(DESIGNATED STATES CITED IN A PUBLISHED APPL.  
WITH SEARCH REPORT)  
CA JP

WO 9631984 P 19961010 WO AL DESIGNATED COUNTRIES FOR  
REGIONAL PATENTS CITED IN A PUBLISHED  
APPLICATION WITH SEARCH REPORT (DESIGNATED  
COUNTRIES FOR REGIONAL PATENTS CITED IN A  
PUBLISHED APPL. WITH SEARCH REPORT)  
AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL  
PT SE

WO 9631984 P 19961010 WO A1 PUBLICATION OF THE  
INTERNATIONAL APPLICATION WITH THE  
INTERNATIONAL SEARCH REPORT (PUB. OF THE  
INTERNATIONAL APPL. WITH THE INTERNATIONAL  
SEARCH REPORT)

WO 9631984 P 19970115 WO 121 EP: PCT APP. ART. 158 (1)  
(EP: PCT ANM. ART. 158 (1))

WO 9631984 P 19970123 WO DFPE REQUEST FOR PRELIMINARY  
EXAMINATION FILED PRIOR TO EXPIRATION OF 19TH  
MONTH FROM PRIORITY DATE

WO 9631984 P 19970917 WO ENP ENTRY INTO THE NATIONAL  
PHASE IN:  
CA 2215741 AA

WO 9631984 P 19971006 WO ENP ENTRY INTO THE NATIONAL

PHASE IN:  
JP 96530475 A

WO 9727704 P 19930421 WO AA PRIORITY (PATENT)  
US 50861 A 19930421

WO 9727704 P 19940830 WO AA PRIORITY (PATENT)  
US 298104 A 19940830

WO 9727704 P 19960123 WO AE APPLICATION DATA (APPL.  
DATA)  
WO 96US1501 A 19960123

WO 9727704 P 19970731 WO AK DESIGNATED STATES CITED IN A  
PUBLISHED APPLICATION WITH SEARCH REPORT  
(DESIGNATED STATES CITED IN A PUBLISHED APPL.  
WITH SEARCH REPORT)  
CA JP

WO 9727704 P 19970731 WO AL DESIGNATED COUNTRIES FOR  
REGIONAL PATENTS CITED IN A PUBLISHED  
APPLICATION WITH SEARCH REPORT (DESIGNATED  
COUNTRIES FOR REGIONAL PATENTS CITED IN A  
PUBLISHED APPL. WITH SEARCH REPORT)  
AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT  
SE

WO 9727704 P 19970731 WO A1 PUBLICATION OF THE  
INTERNATIONAL APPLICATION WITH THE  
INTERNATIONAL SEARCH REPORT (PUB. OF THE  
INTERNATIONAL APPL. WITH THE INTERNATIONAL  
SEARCH REPORT)

WO 9727704 P 19971022 WO 121 EP: PCT APP. ART. 158 (1)  
(EP: PCT ANM. ART. 158 (1))

WO 9727704 P 19971023 WO DFPE REQUEST FOR PRELIMINARY  
EXAMINATION FILED PRIOR TO EXPIRATION OF 19TH  
MONTH FROM PRIORITY DATE

WO 9727704 P 19980717 WO ENP ENTRY INTO THE NATIONAL  
PHASE IN:  
CA 2243859 AA

WO 9727704 P 19980723 WO ENP ENTRY INTO THE NATIONAL  
PHASE IN:  
JP 97526804 A